Application No.

10/630,593

Filed

July 30, 2003

#### REMARKS

Upon entry of the foregoing amendments, Claims 1-28 remain pending, Claims 4-6, 11, 15, 16 and 18 having been amended, and new Claims 26-28 having been added.

Applicants gratefully acknowledge the Examiner's assertion that Claims 3 and 4 would be allowable if rewritten in independent form. Applicants have added new Claims 27 and 28, which represent Claims 3 and 4 in independent form, respectively, including all intervening limitations. In view of the Examiner's assertion, Applicants respectfully submit that Claims 27 and 28 are in condition for allowance.

## Objections to the Drawings

The Examiner objected to the drawings for failure to show every feature of the invention specified in the claims. Specifically, the Examiner stated that "the recess within the crankcase cover as recited in claim 2 must be shown."

Applicants respectfully submit that "the recess within the crankcase cover" is shown in the figures. For example, in the illustrated embodiment shown in Figure 12, the crankcase cover 74 has a recess 142 that receives at least a portion of the generator, as seen in Figure 6. Applicant has amended paragraph [0052] of the specification, as shown above, to further clarify this feature. No new matter has been added.

The Examiner also objected to the drawings as failing to comply with 37 C.F.R. § 1.84(p)(4) because "reference characters '24' and '26' have both been used to designate the electronic control module.

Applicants respectfully submit that this duplicate designation is an inadvertent typographical error, as the electronic control module is correctly associated with reference character "26," and the power conversion unit correctly associated with reference character "24," in paragraph [0029] of the originally filed application, among other places. Applicants have amended paragraphs [0030], [0038], [0040] and [0041] to correctly associate reference character "26" with the electronic control module. No new matter has been added.

Accordingly, Applicants respectfully request that the Examiner withdraw the objection to the drawings.

Application No.

10/630,593

Filed

July 30, 2003

# Rejection of the Claims Under 35 U.S.C. § 112

Claims 5, 6, 11, 15 and 16 stand rejected under 35 U.S.C. § 112, ¶2, as being indefinite for failing to particularly point out and distinctly claim the subject matter Applicants regard as the invention. In particular, the Examiner states that Claims 5, 6, 15 and 16 depend on themselves, and that "the flywheel" in Claim 11 lacks antecedent basis.

Applicants have amended Claims 5, 6, 15 and 16 to correct dependency problems and have amended Claim 11 to establish antecedent basis. Accordingly, Applicants respectfully request that these rejections be withdrawn.

# Rejection of the Claims Under 35 U.S.C. § 102

Rejections in view of Sugimoto et al.

Claims 1, 8, 9, 12, 13, 18, and 22 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Sugimoto et al. (U.S. Patent No. 6,784,560). Applicants respectfully transverse the rejections of Claims 1, 8, 9, 12, 13.

Sugimoto et al. discloses an engine generator having an engine 11, a generator 13, a battery 14 and electrical components 76, 77, 78 disposed in a housing 18. See e.g., Sugimoto, Figure 2. Air inlet openings 79, 80 are formed in the housing 18 and introduce air from outside the housing 18. See Sugimoto et al. Figure 2; col. 7, lines 5-15. A first ventilation pathway extends from the inlet openings 79 and over the engine 11. Air is drawn by the engine-side cooling fan 43 into the fan cover 44. The air flows past the engine 11 and is then discharged via an exhaust vent 68. See Sugitomo at col. 8, lines 6-23. A second ventilation pathway extends from the air inlet openings 80 and into the generator casing 51. Air is drawn by the generator-side cooling fan 54 into the casing 51. The air exits the casing 51 via air outlets 55 and is discharged via the exhaust vent 68.

Sugitomo et al. does not disclose, inter alia, "an electronic control module positioned immediately next to, but spaced apart from the other air intake opening," as recited in Claim 1. In contrast, as shown in Figure 2 of Sugimoto, the electrical components 76, 77, 78 are not "immediately next to but spaced apart from" the air inlet opening 80. Accordingly, Applicants respectfully submit that Claim 1 is allowable over Sugimoto et al. Pending Claims 8, 9, 12, and 13 depend from Claim 1 and are therefore also allowable over Sugimoto et al. for at least the same reasons as Claim 1.

Application No. : 10/630,593 Filed : July 30, 2003

Sugimoto et al. also does not disclose air vents located in the generator housing and between the first and second fans, through which air is drawn into the generator housing. Amended Claim 18 recites that "at least a portion of external air drawn through at least one of the air intake openings passes into the generator housing through air vents located in the generator housing and between the first and second fans." Sugimoto fails to disclose inter alia the arrangement of the fans and the intake opening recited by Claim 18. Accordingly, Applicants respectfully submit that amended Claim 18 is allowable over Sugimoto et al. in view of at least this structural difference. Claim 22 depends from amended Claim 18, and is thus also allowable over Sugimoto et al. for at least the same reasons as Claim 18. Applicants also submit that new Claim 26, which depends from Claim 18, is also allowable over Sugimoto et al. for at least the same reasons as Claim 18.

Rejections in view of Anderson et al.

Claims 18, 20 and 23-25 stand rejected under 35 U.S.C. § 102(b) in view of Anderson et al. (U.S. Patent No. 5,899,174).

Anderson et al. discloses an enclosed engine generator set having an engine 1, and engine cooling fan 11, an alternator 3 and alternator cooling fan 15. See Anderson, Figure 2; col. 3, lines 10-35. Alternator cooling air 200 is drawn into alternator 3 by alternator cooling fan 15 through a skid base 21 and duct 23 that is open to apertures 25 in the inlet bracket 27 of the alternator. See col. 3, lines 37-42. A cooling passage is formed by the skid base 21 and duct 23, which "guarantees cooling air 200 at very close to ambient temperature is supplied to the alternator 3 because alternator cooling fan 15 supplies only alternator cooling air 200." Col. 3, Lines 64-67.

Anderson et al. does not disclose, among other elements, air vents located in the generator housing and between the first and second fans, through which air is drawn into the generator housing. Again, amended Claim 18 recites that "at least a portion of external air drawn through at least one of the air intake openings passes into the generator housing through air vents located in the generator housing and between the first and second fans." Anderson et al. fails to disclose inter alia this arrangement of the fans and the intake opening. Accordingly, Applicants respectfully submit that amended Claim 18 is allowable over Anderson et al. Claims 20 and 23-25 depend from amended Claim 18, and thus are also allowable over Anderson et al. for at least

Application No. : 10/630,593 Filed : July 30, 2003

the same reasons as Claim 18. Applicants also respectfully submit that new Claim 26, which depends from amended Claim 18, is also allowable over Anderson et al. for at least the same reasons as Claim 18.

## Rejection of the Claims Under 35 U.S.C. § 103

Sugimoto et al. in view of Higuchi et al.

Claims 2, 7, 10, 11 and 14 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Sugimoto et al. in view of Higuchi et al. (U.S. Patent No. 6,792,897). Applicants respectfully traverse these rejections.

As discussed above, Sugimoto et al. does not teach or suggest, *inter alia*, "an electronic control module positioned <u>immediately next to</u>, <u>but spaced apart from the other air intake opening,"</u> as recited in Claim 1. Accordingly, Applicants respectfully submit that Claim 1 is patentable over Sugimoto et al., alone or in combination with the cited references. Claims 2, 7, 10, 11 and 14 depend from Claim 1, and thus are likewise patentable over Sugimoto et al., either taken alone or in combination with the cited references.

Anderson et al. in view of Higuchi et al.

Claim 19 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Anderson et al. in view of Higuchi et al. (U.S. Patent No. 6,792,897).

As discussed above, Anderson et al. does not teach or suggest, among other elements, air vents located in the generator housing, at least one of which being located between the first and second fans, through which air is drawn into the generator housing. Amended Claim 18 recites that "at least a portion of external air drawn through at least one of the air intake openings passes into the generator housing through air vents located in the generator housing and between the first and second fans." Accordingly, Applicants respectfully submit that amended Claim 18 is patentable over Anderson et al., alone or in combination with the cited references. Claim 19 depends from Claim 18 and thus would also be patentable for at least this reason over Anderson et al., alone or in combination with the cited references.

Applicants respectfully submit that Claim 26, which also depends from Claim 18, would also be patentable for at least this reason over Anderson et al., alone or in combination with the cited references.

Anderson et al. in view of Tanaka et al.

Application No.

10/630,593

Filed

**July 30, 2003** 

:

Claim 21 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Anderson et al. in view of Tanaka et al. (U.S. Patent No. 4,859,886).

As discussed above, Applicants respectfully submit that amended Claim 18 is patentable over Anderson et al, alone or in combination with the cited references. Claim 21 depends from Claim 18 and thus would also be patentable for at least this reason over Anderson et al., alone or in combination with the cited references.

#### CONCLUSION

For the foregoing reasons, it is respectfully submitted that the rejections set forth in the outstanding Office Action are inapplicable to the present claims and specification. Accordingly, early issuance of a Notice of Allowance is most earnestly solicited.

The undersigned has made a good faith effort to respond to all of the rejections in the case and to place the claims in condition for immediate allowance. Nevertheless, if any undeveloped issues remain or if any issues require clarification, the Examiner is respectfully requested to call Applicant's attorney in order to resolve such issue promptly.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated:

May 27, 2005

By: ˈ

William H. Shreve

Registration No. 35,678

Attorney of Record

Customer No. 20,995

(949) 760-0404

1703157 050905